

ABSTRACT

The field of the invention is that of X-ray generator tubes. The invention relates more specifically to the arrangement of the emitting surfaces which are the source of the X-ray radiation. It is known that the inclination of the emitting surface known as the target to the electron beam governs the intensity of X-ray emission and the resolution of the tube. The target carrier assembly according to the invention allows this inclination to be set according to the desired application. For high-energy applications requiring a cooling circuit, the arrangement of the component also allows an appreciable improvement to the geometry of said cooling circuit so as to appreciably improve its efficiency. Several layouts of cooling circuit are presented, together with methods for producing them.